

WHAT IS CLAIMED IS:

1. A signal propagation method for propagating a wireless signal from a first access point of a first wireless network to a second access point of a second wireless network comprising steps of :

5 providing a third access point for transmitting and receiving said wireless signal;

transmitting said wireless signal from said first access point to said third access point; and

10 transmitting said wireless signal form said third access point to said second access point.

2. A signal propagation method according to Claim 1 wherein said first wireless network is a wireless local area network.

3. A signal propagation method according to Claim 1 wherein said second wireless network is a wireless local area network.

15 4. A signal propagation method according to Claim 1 wherein said third access point operates steps of:

receiving a package of said wireless signal;

reading a source address of said package;

reading a destination address of said package; and

20 sending said package from said first access point to said second access point provided said source address is correspondent to said first access point and said destination address is correspondent to said second access point.

25 5. A signal propagation method according to Claim 1 wherein said third access point is a wireless repeater.

6. A signal propagation method according to Claim 1 wherein said signal propagation method meet said requirements of IEEE802.11.